

Data File : VU036066.D
Acq On : 09 Dec 2019 22:59
Operator : JC/MD
Sample : K6168-12 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE45

Quant Time: Dec 10 01:54:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	242053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	94085	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	118412	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	131448	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.69	46	173345	47.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.30%
24) Chloroform-d	5.11	84	159514	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.75	65	89759	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.77	84	333536	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	100838	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.93	98	283882	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.21	79	38402	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.70	63	160155	51.32	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91507	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	79780	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

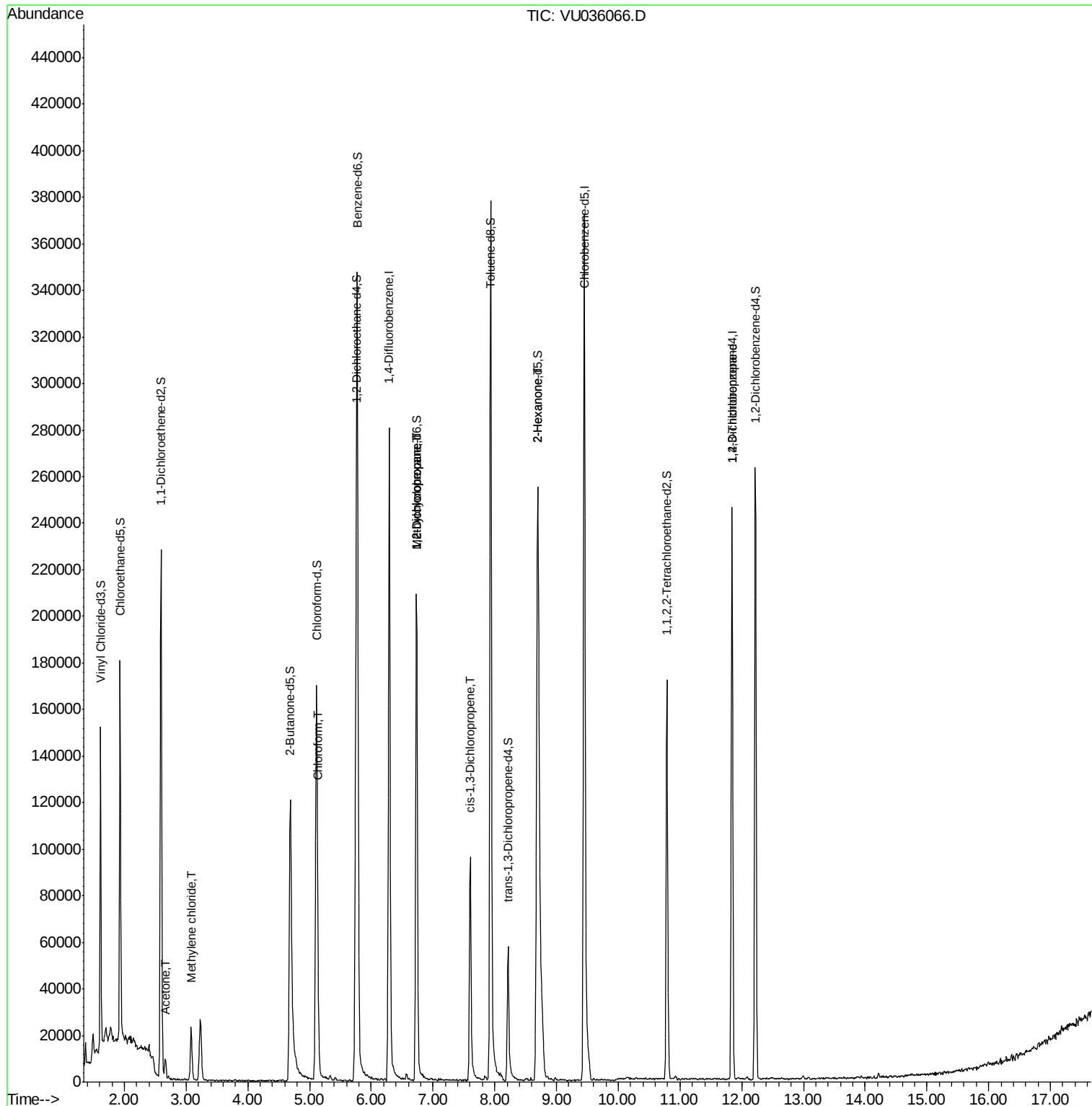
					Qvalue
13) Acetone	2.66	43	9159	1.963 ug/L	90
16) Methylene chloride	3.08	84	11645	0.476 ug/L	95
25) Chloroform	5.14	83	14368	0.400 ug/L	96
35) Methylcyclohexane	6.73	83	24891	0.943 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10827	0.583 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2502	0.099 ug/L #	38
48) 2-Hexanone	8.70	43	17249	2.477 ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	7654	0.576 ug/L	92

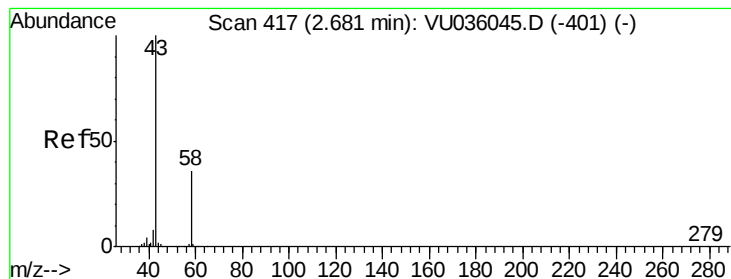
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.963 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036066.D

Acq: 09 Dec 2019 22:59

Instrument :

MSVOA_U

ClientSampleId :

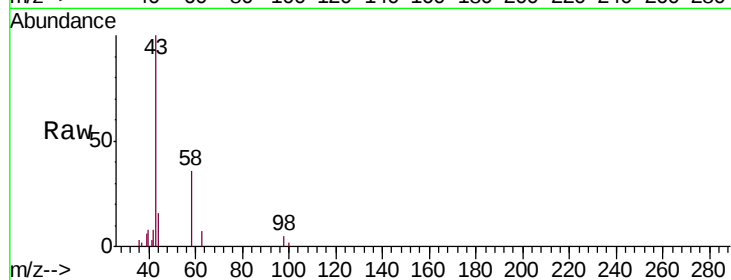
BFE45

Tgt Ion: 43 Resp: 9159

Ion Ratio Lower Upper

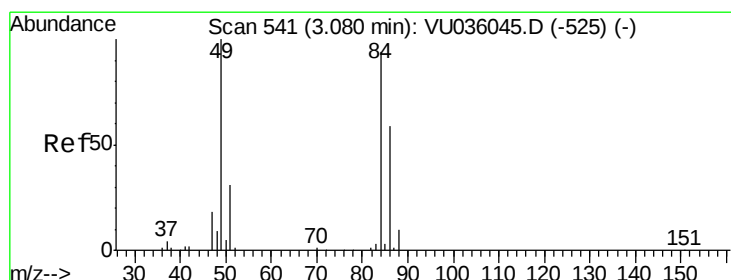
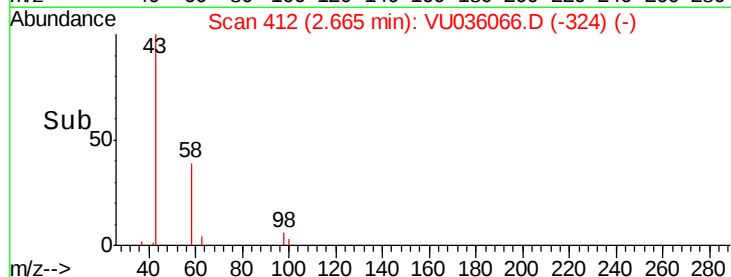
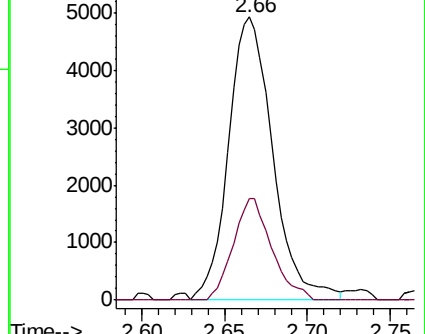
43 100

58 31.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036045.D (-401) (-)



#16

Methylene chloride

Concen: 0.476 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036066.D

Acq: 09 Dec 2019 22:59

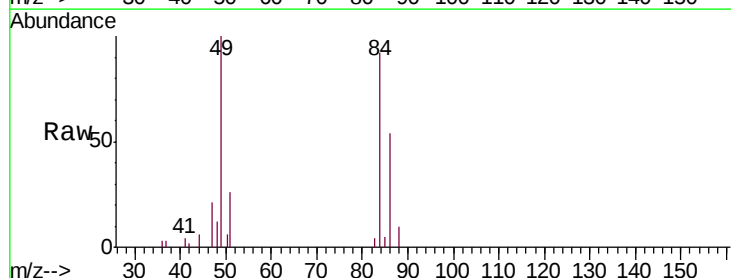
Tgt Ion: 84 Resp: 11645

Ion Ratio Lower Upper

84 100

86 58.5 47.5 88.3

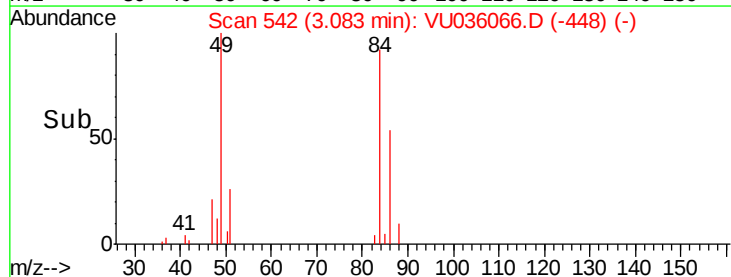
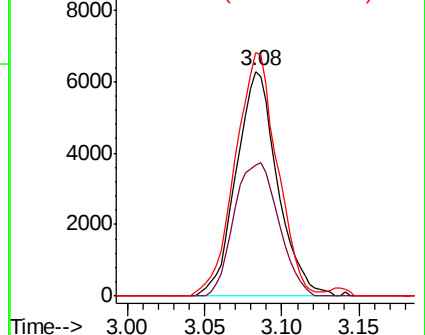
49 108.4 76.9 142.9

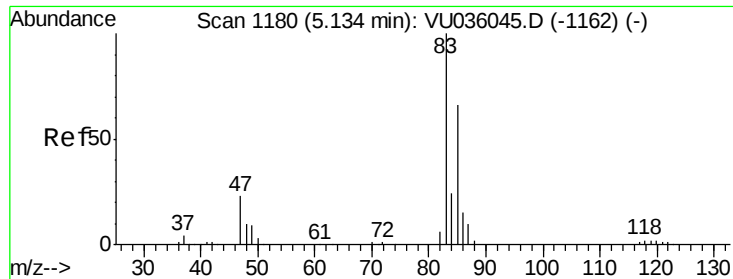


Abundance Ion 84.05 (83.75 to 84.75): VU036045.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU036045.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU036045.D (-525) (-)

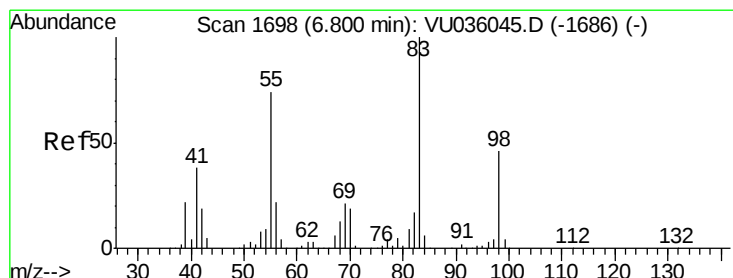
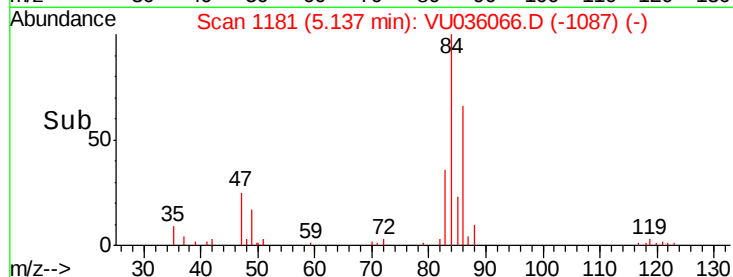
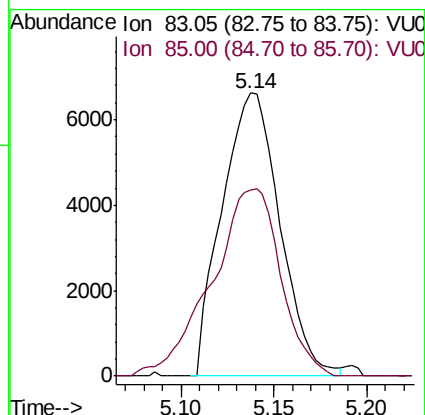
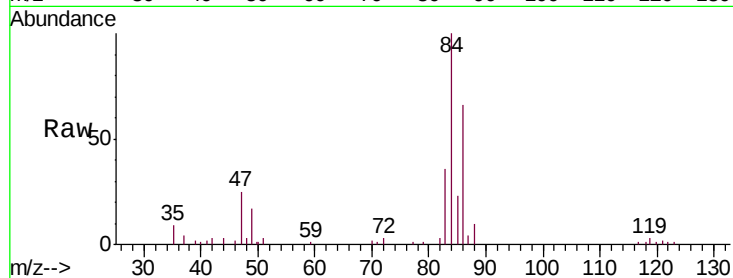




#25
Chloroform
Concen: 0.400 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
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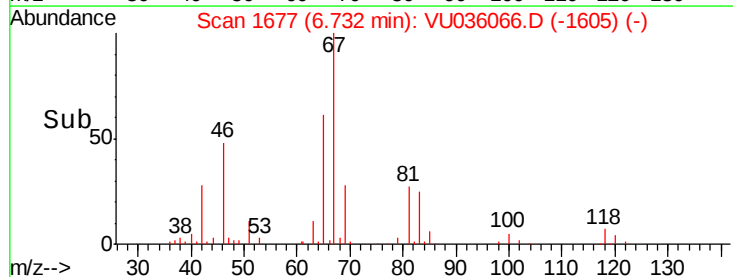
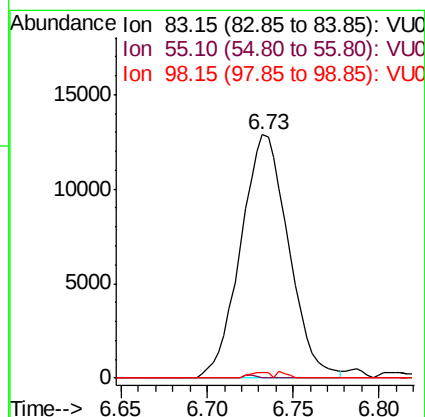
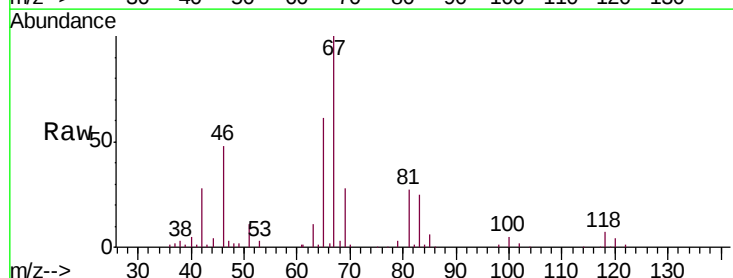
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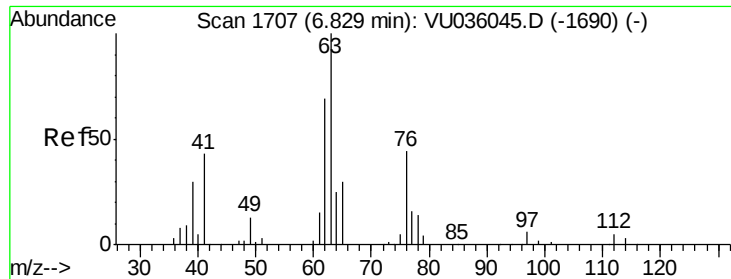
Tgt Ion: 83 Resp: 14368
Ion Ratio Lower Upper
83 100
85 65.6 43.9 81.5



#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036066.D
Acq: 09 Dec 2019 22:59

Tgt Ion: 83 Resp: 24891
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.9 37.0 55.4#

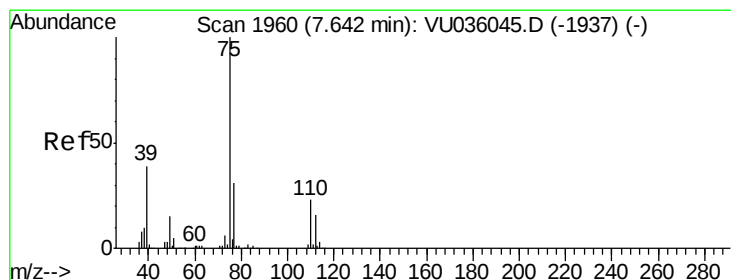
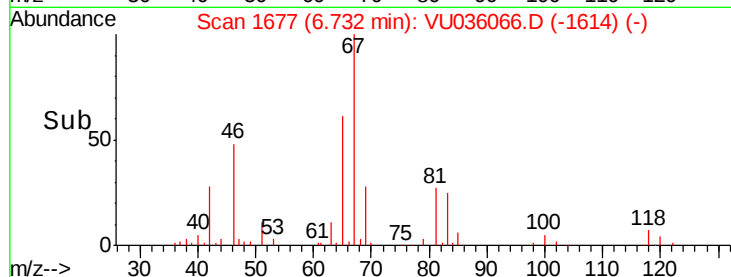
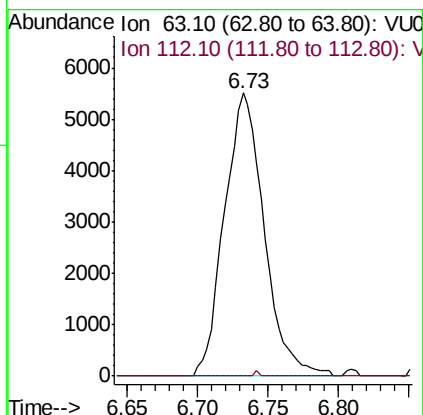
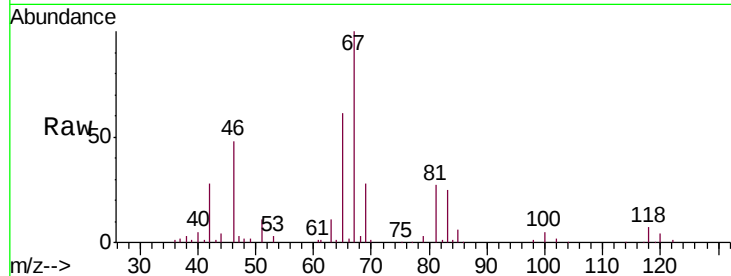




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036066.D
 Acq: 09 Dec 2019 22:59

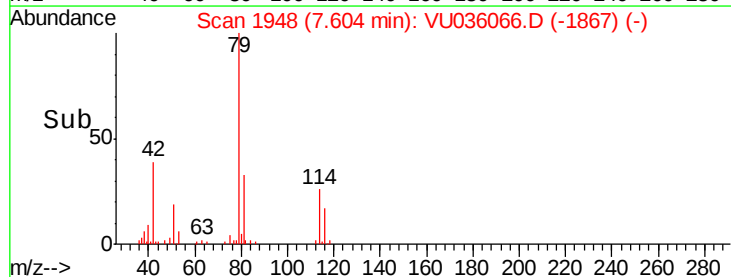
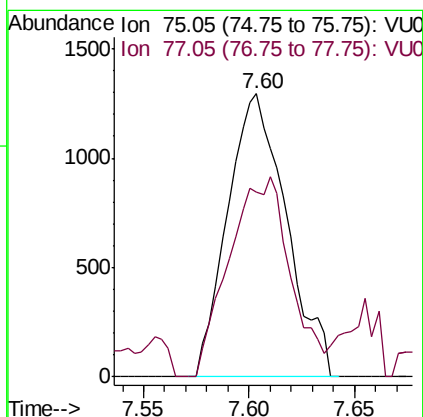
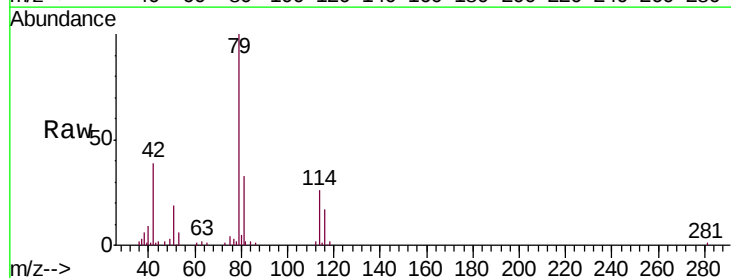
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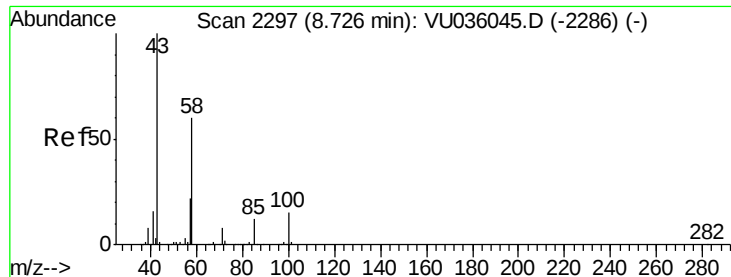
Tgt Ion: 63 Resp: 10827
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036066.D
 Acq: 09 Dec 2019 22:59

Tgt Ion: 75 Resp: 2502
 Ion Ratio Lower Upper
 75 100
 77 65.3 21.7 40.3#

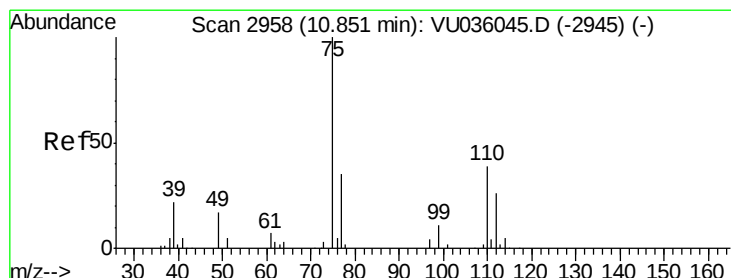
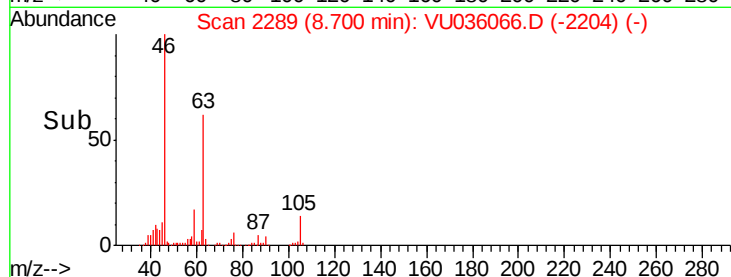
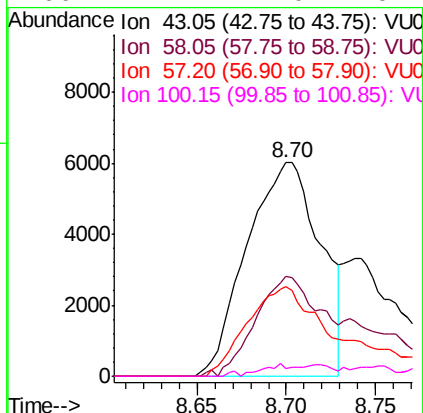
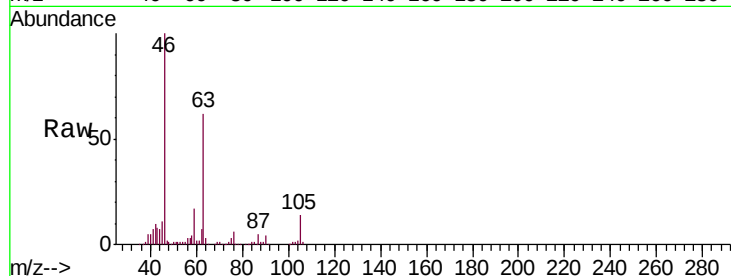




#48
2-Hexanone
Concen: 2.477 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VU036066.D
Acq: 09 Dec 2019 22:59

Instrument :
MSVOA_U
ClientSampleId :
BFE45

Tgt Ion: 43 Resp: 17249
Ion Ratio Lower Upper
43 100
58 41.5 46.9 70.3#
57 53.6 16.4 24.6#
100 2.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.576 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036066.D
Acq: 09 Dec 2019 22:59

Tgt Ion: 75 Resp: 7654
Ion Ratio Lower Upper
75 100
77 38.0 26.7 40.1

